



621

HF Happenings

South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iau.org www.iau-r1.org



September
2014

South African Radio League Youth Net

The South African Radio League Youth Net will be on the air every first Sunday of the month. The next net is on Sunday 7 September at 15:00 CAT on 7 070 kHz. Join the next youth net and get talking. Youth Net is not just for giving a report but to have a discussion on a youth relevant subject. The 7 September net will chew over the subject "Facebook: are there other social media platforms that you think are better? Youth Net is for the youth for under 25.



"December is
Youngsters on
the Air month!"

South African Radio League 5 MHz activity weekend

The next South African Radio League 5 MHz activity weekend will be held on 20 and 21 September 2014. South African Radio League members are invited to take part in a 5 MHz activity weekend dedicated to propagation research - 5 250 and 5 260 kHz. The activity is focussed from 13:00 - 20:00 CAT on each day and comprises various activities during designated time slots. The activity is open to all South African Radio League members and to all radio amateurs living permanently outside the borders of South Africa. More details on the South African Radio League web at www.sarl.org.za.

The WSPR-Tutorial for receiving has been updated

If you are interested in the mysteries of propagation, then WSPR is the tool at your disposal. To experience this fascinating tool, all you need is an SSB transceiver, a simple antenna, a computer, internet access and an optional sound card interface to connect the transceiver to your computer.

Stewart Moss, ZS6SGM, has updated his tutorial. It can be down loaded from a link on www.sarl.org.za, click on propagation research.

Summits on the Air - Free State

Eddie, ZS6BNE, and a team of amateurs are planning to activate two new summits in the Free State for SOTA on Saturday 20 September. The summits are in the Moolmanshoek area between Ficksburg and Rosendal. Joining Eddie will be Rudi, ZS6DX, Andries, ZS6VL, Cliriska, ZU6BV, and Angelo, ZU6M.

ZS-SOTA is hoping that the new summits will appear in the SOTA database very soon. More details about the Moolmanshoek activation to follow.

DXCC News

Dave Patton, NN1N, ARRL Staff Liaison, reports that the following operations are approved for DXCC credit: A52JR, 4W/HB9FLX,

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Current Summits-on-the-Air (SOTA) activities are announced at www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk and www.zs4bfn.co.za/sota.asp

September

5 - Casual Day; Secretary's Day
6 - Cellar2Cellar Trail Run and Wine Experience, Stellenbosch
6 and 7 - IARU Region 1 SSB Field Day; Staalwater Trail Run & M.T.B. Challenge, Caledon
11 - Closing date October RAE
13 - Radio Technology in Action in Pretoria; Baa-Baa-Licious Braai Feast, Riebeeck Valley; Baviaanskloof Trail Run, Geelhoutbos
16 - World Ozone day
21 to 27 - IARU Region 1 General Conference, Al-bena, Bulgaria
24 - Heritage Day; National Braai Day
24 to 28 - Oceana Hout Bay Seafood Festival
25 - Rosh Hashanah
27 and 28 - CQ WW RTTY Contest

October

2 - SARL 80 m QSO Party
3 - Schools close
4 - Spring QRP Contest; RTA in Port Elizabeth; Yom Kippur
5 - RSGB 21/28 MHz Contest
6 - World Habitat Day
11 and 12 - AWA AM/SSB Contest
13 - Schools open
16 - RAE
17 to 19 - JOTA
18 - CQ Hou Koers
25 and 26 - CQ WW DX



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4W/N1YC and 4W/PE7T. If you have had cards for these operations rejected in a recent application, please send an E-mail to the ARRL DXCC Desk at dxcc-admin@arrl.org and you will be placed on the list for an update.

Antenna Forum Slides

Tim, K3LR, announced that the 2014 Dayton Hamvention Antenna Forum slide decks are now posted on <http://www.k3lr.com>. Click on the left side box "DAYTON ANTENNA SUMMARY". You will see 2014 back to 2004.

2014 Friedrichshafen Ham Radio Lectures

Press Release, Friedrichshafen, Germany. Wolf Harranth, OE1WHC, from the Amateur Radio Section of ORF (Austrian Broadcasting Corporation) and the Documentary Archives Radio Communications/QSL Collection, has informed OPDX that the following 2014 Friedrichshafen Ham Radio Lectures (listed below, and previous years' lectures) are available at <http://www.dokufunk.org/talk>

- * "Yagi and Quad antennas for HF/Shortwave" by Martin Steyer, DK7ZB, (in German) - in two parts
- * "The Enigma and other famous Cipher Machines" by Tom Perera, W1TP
- * "FT5ZM - Amsterdam Island DXpedition" by Ralph Fedor, KOIR



African Islands

Gran Canaria, EA8. Members of the Amateur Radio Union of Las Palmas (EA8URL) on Gran Canaria (AF-004, WLOTA 0969) Island will use the special event call sign AO8BWC for the 17th Basketball World Championship. Las Palmas city is hosting this event. Activity will be on all bands and modes between 30 August and 14 September 2014. QSL via EA8URL, Bureau or direct.

Madagascar, 5R. Jack, AI4SV, has moved to Madagascar with his job in late August, and is resident there for about 3 years. He has obtained the call sign 5R8SV and is active from Antananarivo. He participated in the SARL HF CW Contest on 31 August. He operates mainly on CW on the HF bands, but likes to experiment with others modes. QSL via G3SWH, via the OQRS (preferred), direct or via the RSGB Bureau. There is a Web page that will have a log search at <http://www.g3swh.org.uk/5r8sv.html>. Logs will be uploaded to LoTW and ClubLog.

Cape Verde, D4. Look for Fran, EA7FTR, to be active as D44KS from the island of Boa Vista (AF-086, WW Loc HK86oc), Cape Verde, between 5 September and 10 October 2014. He will be active in his spare time, due to work commitments, on 40 to 6 metres SSB and RTTY. QSL direct to EB7DX (David Lianez Fernandez, PO Box 163, Huelva 21080, Spain).

Ascension Island, ZD8. Bob, G4DBW (GQRP Club #11419), will once again be active as ZD8RH from Georgetown, Ascension Island (AF-003, WLOTA 1491), from 22 to 30 September 2014. He will be active on the HF bands; Operations will be mainly on CW, suggested frequencies are around 7 007, 10 105, 14 007, 18 073, 21 007, 24 897 and 28 007 kHz. Equipment is a FT-857 w/100 watts and a modified MP-1 portable whip antenna. Bob will focus on a Single-Op/Single-Band 21 or 28 MHz entry in the CQ WW DX RTTY Contest (27 and 28 September) from CQ zone 36. QSL direct to G4DBW (RW Hammond, 51 Poplar Drive, Greenhill, Herne Bay CT6 7PY, England) with 2 'green stamps' or IRC or via RSGB Bureau. Bureau replies can take up to 18 months

Zanzibar Island. Andrea, IZ1MHY, will be active from Zanzibar [Unguja] Island (AF-032, WLOTA 1080), semi-autonomous region of Tanzania, as 5H1MD between 28 September and 10 October 2014. He will be active on the HF bands, using CW, SSB and the digital modes. QSL via home call, Bureau or direct.

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Kuilfontein Guest Farm and Farm stall on the N1 at Springfontein, southern Free State

<http://www.accommodationspringfontein.co.za/>



Madeira Island, CT9. Helmut, DF7ZS, and possibly others will participate in the CQ WW DX SSB Contest (25 and 26 October) as either CR3L or CQ3L from Madeira Island (AF-014, WLOTA 0053, CQ zone 33). Entry category TBD. Pre contest operation as CT9/DF7ZS. QSL via DF7ZS, Bureau preferred.

Pantelleria Island, IH9: Look for Emilio, IZ1GAR, to be active in the CQ WW DX CW Contest (29 and 30 November) as IH9R from Pantelleria Island (AF-018, WLOTA 0041). Plans are for a Single-Op/Single-Band (40 m)/MT/QRP entry from CQ zone 33. QSL via IZ1GAR.

FT4T, Tromelin (Press Release, 26 August). Flo, F5CWU, sent out and posted the following on the FT4TA Web page: "We have just passed the 100 days mark before the beginning of our FT4TA operation to the island of Tromelin. Since the last official press release many things have evolved well; we are extremely fortunate.

Thanks to the strong mobilization around our project, we are relatively trustful in the fact of being able to gather the necessary budget. If we do not meet last minute problems, and if individual donations continue to flow at the current rate, we should balance our budget (after the expedition). Some partners have not yet validated their assistance, and we definitively count on them!

In addition, several people in Japan have mentioned to us they encountered problems with the Paypal button on our website. In order to circumvent this problem, we invite people who would be in this instance to use our address tromelin2014@orange.fr directly from their Paypal account.

Almost all of the equipment was gathered by the team. This equipment was lent, purchased or taken from our personal stations. We want to express our thanks to Spiderbeam (masts), Elecraft (radios), OM Power (amplifiers), Microham (interfaces), Messi and Paolini (coaxial cables), DX Engineering (phasing 80 m) and DX World.net, which sponsors us the Internet access by satellite to let you use our on-line logbook and read daily news from the team during the operation.

At the end of June, three pallets of equipment had been shipped to Reunion Island. They have been transported to Tromelin Sunday (by helicopter) by the logistics service of TAAF.

This possibility was offered to us suddenly and was not in our initial plan. Although it induces very important expenditure, we could not let pass this opportunity because it will deeply modify the physiology of our operation. It would not have been possible for us to carry all this equipment on a small aircraft. This freighting marks the true point of no return!

Our preliminary works with TAAF continue. Michel, FM5CD, and Seb, F5UFX, went at the end of May to Réunion to meet our interlocutors (TAAF, civil aviation, airline company). We want to highlight again the trusted relationship and the incommensurable assistance brought by TAAF.

2014 marks the 60th birthday of the first amateur radio activity from Tromelin. Prepared in collaboration with the philatelic service of TAAF, and drawn by an artist, a special postage stamp will be put on sale at the time of the Autumn Philatelic Exhibition in Paris (6 to 9 November). During this event, an amateur radio station will be set-up on the TAAF booth by the radio club of Provins, F6KOP. They will proceed to demonstrate and make contacts with FT4TA team twice a day. It's very important to promote our activity in such an exhibition.

Our website evolves constantly. The pages known as 'classical' are available since the beginning (operators, pilots, QSL manager, sponsors) and news articles appeared lately (historical, band plan, etc.) Others are in preparation and should be published soon (interview of FR5ZU and F6JJX, two ex-'Tromelin' operators, PowerPoint presentation, etc.) It is the ideal time to prepare your station to be ready. On 30 October, point your antennas towards the Indian Ocean! In the meantime join us on Facebook <https://www.facebook.com/tromelin2014> and Twitter <https://twitter.com/tromelin2014> to follow our news and keep an eye on the Tromelin-2014 website <http://www.tromelin2014.com>. A surprise will be announced soon!"



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African DX

9X, Rwanda. Gordon, K7TRB, remains in Rwanda until 11 October. He is active as 9X0VA on HF, running 100 W and wire antennas. QSL via K7TRB.

Eritrea, E3 (2014 - by Foundation for Global Children [FGC]/SEISA). The following press release was sent out [edited]: "Zorro, JH1AJT, will be visiting the State of Eritrea (E3) with a member of the House of Representatives of Japan and some others, from Monday 15 until the following Monday 22 September 2014, for a FGC mission. The group will have meetings with Eritrea's Ministries of: Health, Transportation and Communications, Education, Foreign Affairs, Information, and Eritrean Sports Commission. The Ambassador of the State of Eritrea to Japan will also join the meetings.

One of the main objectives of this trip is to finalize a draft Memorandum of Understanding (MoU) regarding Eritrea - Japan Sports Collaboration (2014 - 2020) and to be signed on a ceremony program to be held in Asmara on 16 September 2014.

Through this project, both parties shall make efforts to promote sports for handicapped people in Eritrea and also to further improve the environments they are placed in. FGC will also support activities for the betterment of education and sanitation for the children of Eritrea.

Zorro will try to be active (call sign: TBA) in his very limited spare time probably after Thursday 18 September, mainly SSB and possibly some CW. He will bring a TS-590/ ACOM-1010 and a Small-IR with 40/30 m optional coil. QSL to JH1AJT: PO Box 8, Oiso, Naka-gun, Kanagawa 259-0111, Japan. 73, FGC Radio Team - Jay - JA1TRC"

BBC reports EMF 2014 about 'Getting kids involved'

BBC News reports on last weekend's successful Electromagnetic Field EMF 2014 event held near Bletchley, Milton Keynes.

The three day event attracted nearly three times as many people as the previous event held in 2012. Of those attending 75 were children under 16. *"Getting kids involved has been crucial,"* says Jonty Wareing, one of the event's volunteer organisers.

Dr Elpida Makrygianni, from UCL's Engineering Sciences faculty is charged with engaging young people with science, she thinks the festival is an important place to be.

"It's the social context, the fact that it is in the countryside, a million miles from the stereotype of a sterile lab."

That preconception is one of the first obstacles that has to be overcome when trying to engage young people in science, she says, especially young women.

AMSAT-UK reported on a tweet that those responsible for organising technical event should bear in mind. Rosie Campbell [@RosieCampbell](#) tweeted: *The gender balance of speakers at #emfcamp has been great. So many awesome women! Take note, other tech event organisers!*

Although not reported by the BBC the Amateur Radio Foundation was held at the event and radio amateurs launched several balloons carry 434 MHz transmitters and flew a Quadcopter which carried a Repeater.

Unlike other countries, the UK amateur radio licence currently bans experimentation on aeronautical platforms but fortunately amateurs can use licence exempt bands such as 434 MHz and 868 MHz for aeronautical work instead.

Read the BBC report - Electromagnetic Field: Can geeks get kids into science? <http://www.bbc.co.uk/news/technology-29011889>

Additional info on EMF 2014 at <https://www.facebook.com/amsatuk> and <http://amsat-uk.org/2014/08/29/live-webcast-of-electromagnetic-field-emf-2014-event/>

90th Anniversary of first UK - NZ contact

The NZART have issued an update on preparations to celebrate the 90th anniversary of the first two-way radio communication between the UK and New Zealand.

On 18 October 1924, Frank Bell, 4AA, in Shag Valley, South Island, NZ contacted Cecil Goyder

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Wen-Do-Lin Traveller's Rest (ZS4D) at Glen, just off the N1

<http://www.wen-do-lin.com> e-mail: mcwilson@telkomsa.net

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who was operating the Mill Hill school station, 2SZ.

Planning and equipment preparation is well advanced for Branch 30's recognition of the 90th anniversary of the historic first ever radio communication

between New Zealand and the UK, an event that changed radio communication for ever as it established new and initially, little understood "rules" for short wave communication.

Working bees are being held to test antenna and equipment, much work is going on arranging and sourcing equipment and two reconnoitre visits have been made to our hosts at Shag Valley Station, Johnny Bell and his family, the 6th generation Bell family on the station.

Current plans see the main antenna farm installation starting on Saturday 4 October and possibly extending to the Sunday.

Then the teams will be returning to the site on Saturday 11 October to complete the antenna installation and start installing the radio equipment. Operating on the various bands will start as each bands equipment is activated with operation from the site continuing from later on the Saturday (as soon as the workers are free to become operators) through the week until Sunday the 19 when the big dismantle will start.

Bands we anticipate operating are 80 m, CW and phone as available. This is the prime band as it is close to the original frequency. It will be using a vertical mast. We will have a quad hung from nearby trees for 40 m, a tri-bander on a 13 m lattice pole for 20, 15 and 10 and also 17 m facilities.

An IRLP, node 6507 will be on the club's 690 VHF repeater with a cross-bander on nearby hills to give handheld access from the site. Similarly we anticipate access to the Mount Cargill National System node and we will have a STSP repeater operating nearby on 6625 to give incoming guidance to visitors.

Anybody is welcome to come and visit the station or assist with operating at any time during the week - just drop an email to president@ZL4AA.org.nz so we can expect you.

We are operating from the stations Shearers quarters where a limited number of beds with mattresses are available - please bring food, sleeping bags and pillows.

The big day will be early evening on Saturday 18 October with around 06:30 UTC or 19:30 NZDT being the actual time of the original contact.

Media will be present on the final Saturday with Radio NZ's Jim Sullivan preparing a programme for his Sounds Historical programme on Radio New Zealand National on Sunday 19.

Those on site will be able to visit the museum where much of the original 4AA equipment is displayed as well as a fascinating range of scientific equipment that demonstrates the early Bell generations had considerable other scientific and experimental interests. A large range of Frank and Brenda Bell's original QSL cards are on site and make absolutely fascinating reading.

Further full and interesting information on the original "Trans-world" stations are available on the following websites:

Branch 30 Check under both the "90th Anniversary" tab and the "About us/History tabs" <http://www.ZL4AA.org.nz/>; GB2NZ http://gb2nz.com/?page_id=11; Kiwi DX Group <http://zm90dx.com/>; RSGB RadCom article <http://gb2nz.com/wp-content/uploads/2013/09/The-Ultimate-DX1.pdf>; 2SZ on the air October 11 - 18 <http://www.southgatearc.org/news/2014/august/2sz-on-the-air-october-11-18.htm>

Get on the RaDAR....and GO!

RADAR
GOES GLOBAL

TO: ZL4AA
MILL HILL SCHOOL, LONDON, N.W. 11, ENGLAND
YOUR SIGS WERE HERE AT 6.18.2006 M.T. ON Oct 18, 1924
STRENGTH 65A QRM 2.8 QRN 2.8 QSB 2C QSS 2.8 QTH 2.8
TRANSMITTER
RECEIVER USED
G2SZ
REMARKS Congratulations on the first
trans-world two way working.
Wonderful a.m.
C.W. Snyder

PALMERSTON SOUTH, NEW ZEALAND... 22/10/1924
Telegrams and Cables: "Bell, Waiwaka."
Radio: G. 5. 2. 7.
Ur QSS 2.8 at 6.30 p.m. N.E.T. QRM 2.8 QTH 2.8
AERIAL: 90 ft. cage, 97 ft. tower. Natural wave to fan O.P. in 100 m., and to E is 200 m. Located 50 miles N. of Dunedin. Screened by trees and hills.
RECEIVER: 1 H.P. tuner, 2 H.P. detector, 2 L.F. Used 1 H.P. detector 1 L.F. on ur sigs. Best reception hr ASDM on 40375 watt input at 1200 miles.
TRANSMITTER: For local and phone work up 2 U.V. 202's. Best DX Kentucky, 8000 miles. For overseas tlc 1 U.V. 205's. At 1000 v. D.C. 120 mls. rad. is 1/2 T.C.A. on 60 m. Power limited, as we make our own.
DX: Heard in all Australia, 1 Canada and 3 U.S.A. Districts, Samoa, Tahiti, Hawaii, Cape Horn, Argentina, Uruguay by X3AA in Atlantic of 1000 miles.
REMARKS: Bell's original station. History of the station. 1st N.Z. station QSO Australia. 1st Australian station QSO N. America. 1st N.Z. station heard in Canada or U.S.A. Usual hrs 7-11 p.m., and later Sat. and Sun. nights. Altho N.E.T. is 114 hrs ahead of G.M.T. and 194 hrs ahead of P.S.T., we're always behind at our correspondence hr. so kindly excuse our belated letter.
Pac QSL on 75's fm hr on CU aqs.
Member A.R.R.L.
It's one of the best ops I've ever had!

HF Happenings

SOTABEAMS The All New SB6, 6 m Beam

Over the years we have been asked numerous times for a really lightweight portable 6 m beam. Building on over a decade of experience making and marketing portable beams, the SB6 is our take on this tricky requirement. It has been designed to be very easy to use in the field taking less than 90 seconds to assemble. Of course, it performs well too. It's contest-proven, punching well above its weight and out-performing many people with much larger antennas!

Six metres is a great band for portable operating. Often called "the magic band" it sits at the transition point between the HF and VHF spectrum, sharing propagation characteristics with both. You really never know what will be happening on six!

The SB6 Six Meter Beam has been designed to open up the world of six to the lightweight portable operator. Its components have been selected to make your operating experience a pleasure!

Click here for the full details <http://sotabeams.us6.list-manage.com/track/click?u=3a85afccc4843a7b778acbb68&id=627a6450a7&e=9e4871b275>

New HF Balun Kits

We have put together a kit of parts to help you to make your own HF balun. It has all the harder-to-get bits. You just add co-ax, wire and a sprinkle of time! Click on the links below for details.

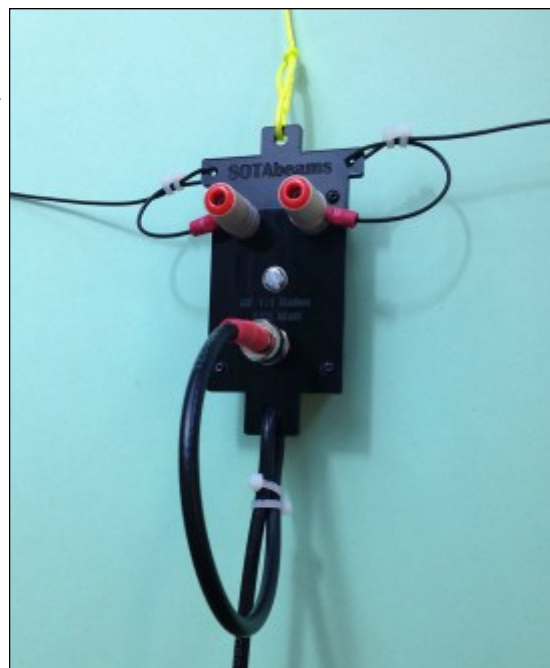
1:1 balun <http://sotabeams.us6.list-manage1.com/track/click?u=3a85afccc4843a7b778acbb68&id=fed7bcc74c&e=9e4871b275>

4:1 balun <http://sotabeams.us6.list-manage.com/track/click?u=3a85afccc4843a7b778acbb68&id=8f01160ef8&e=9e4871b275>

Good to know...

Most of SOTABEAMS' 170 products are unique
<http://sotabeams.us6.list-manage.com/track/click?u=3a85afccc4843a7b778acbb68&id=0168de9df0&e=9e4871b275>

Customers outside Europe pay the lower prices shown on our website - saving an additional 20%



Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 1 to 8 September 2014

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 3 September and 03:00 - 04:00 UTC 4 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-

Member: Name and state, province or country

Work stations: Once per band

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SOTABEAMS™
AMATEUR RADIO FOR THE GREAT OUTDOORS

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QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 6 September 2014

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

NRAU 10 m Activity Contest

17:00 - 18:00 UTC (CW) and 18:00 - 19:00 UTC (SSB) and 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC 4 September (Dig)

Mode: CW, SSB, FM, Digital

Bands: 10 m Only

Classes: (none)

Exchange: RS(T) and 6-character grid square

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 18 September 2014

Upload log at:

http://ua9qcq.com/en/submit_log.php?lang=en

Mail logs to: (none)

Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>

QRP Fox Hunt

01:00 - 02:30 UTC 5 September

Mode: CW

Bands: 20 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 6 September 2014

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.qrpfoxhunt.org/summer_rules.htm

NCCC RTTY Sprint Ladder

01:45 - 02:15 UTC 5 September

Mode: RTTY

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 September 2014

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

G3ZQS Memorial Straight Key Contest

23:00 UTC 5 September to 23:00 UTC 7 September

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRO; QRP; Club

Exchange: FISTS: RST, state, province or country, name and FISTS no; non-FISTS: RST, state, province or country, name and power

Work stations: Once per band

QSO Points: 2 points per QSO with non-member; 5 points per QSO with FISTS member

Multipliers: Each state, province or DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 October 2014

E-mail logs to: g3zqslogs@fistsna.org

Mail logs to: (none)

Find rules at: <http://www.fistsna.org/operating.html>

CWops CW Open

00:00 - 03:59 UTC; 12:00 - 15:59 UTC and 20:00 - 23:59 UTC 6 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Serial no and name

Work stations: Once per band per time segment

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

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Submit logs by: 20 September 2014

E-mail logs to: (none)

Upload log at: <http://www.b4h.net/cwops/>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwopen.html>

All Asian DX Contest, Phone

00:00 UTC 6 September to 24:00 UTC 7 September

Mode: Phone

Bands: 80, 40, 20, 15, 10 m

Classes: Asian Single Op Single Band - high or low;

Non-Asian Single Op Single Band - high; JA Single Op

Multi Band - high, low, junior or silver; Asian Single

Op Multi Band - high or low; Non-Asian Single Op

Multi Band - high; Multi-Single; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts

Exchange: RS and 2-digit age

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Asian Stations: DXCC entities once per

band; non-Asian Stations: Asian prefixes once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 October 2014

E-mail logs to: aaph@jarl.org

Web-to-Cabrillo form:

http://www.b4h.net/cabforms/aadxssb_cab3.php

Mail logs to: JARL, All Asian DX Contest, Phone, 170-8073, Japan

Find rules at:

https://www.jarl.org/English/4_Library/A-4-3_Contests/2014AA_rule.htm

Russian RTTY WW Contest

00:00 - 23:59 UTC 6 September

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op; SWL

Exchange: RU: RST and 2-letter oblast; non-RU: RST and CQ Zone

Work stations: Once per band

QSO Points: 5 points per QSO with same continent;

10 points per QSO with different continent

Multipliers: Each RU Oblast once per band; Each DXCC country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 September 2014

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E-mail logs to: contest@radio.ru

Mail logs to: Russian RTTY WW Contest, Radio Magazine, Seliverstov per. 10, Moscow 107045, Russia

Find rules at: <http://www.grz.ru/contest/detail/93>

Wake-Up! QRP Sprint

06:00 - 06:29 UTC and 06:30 - 06:59 UTC and 07:00

- 07:29 UTC and 07:30 - 08:00 UTC 6 September

Mode: CW

Bands: 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, serial no and suffix of previous QSO ("QRP" for 1st QSO)

Work stations: Once per band per period

QSO Points: 1 point per km

Multipliers: 1 point per new station worked on each band

Score Calculation: Total score = total QSO points x total multiplier points

Submit logs by: 13 September 2014

E-mail logs to: ru-grp-club@mail.ru

Mail logs to: (none)

Find rules at:

<http://grp.ru/contest/wakeup/333-wakeup-eng>

AGCW Straight Key Party

13:00 - 16:00 UTC 6 September

Mode: CW

Bands: 40 m Only

Classes: 5 W (A); 50 W (B); 150 W (C); SWL (D)

Exchange: AGCW: RST, serial no, "/", class, "/", name, "/" and age

QSO Points: 9 points per A-A QSO; 7 points per A-B

QSO; 5 points per A-C QSO; 4 points per B-B QSO;

3 points per B-C QSO; 2 points per C-C QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 30 September 2014

E-mail logs to: htp@agcw.de

Mail logs to: Friedrich W. Fabri, DF1OY, Birnheck 2, D-65779 Kelkheim. Germany

Find rules at: <http://www.agcw.org/index.php/en/contests-and-cw-activities/straight-key-party-http>

RSGB SSB Field Day

13:00 UTC 6 September to 13:00 UTC 7 September

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Open; Restricted

Max power: Open: Full

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Restricted: 100 watts

Exchange: RS and serial no

QSO Points: 2 points per QSO with fixed IARU Region 1 stations; 3 points per QSO with fixed non-Region 1 stations; 5 points per QSO with portable/mobile IARU Region 1 stations

Multipliers: Each DXCC country per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 September 2014

Upload log at:

<http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: RSGB G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England

Find rules at:

<http://www.rsgbcc.org/hf/rules/2014/rssbfd.shtml>

IARU Region 1 SSB Field Day

13:00 UTC 6 September to 12:59 UTC 7 September

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (see your national society rules)

Exchange: RST and serial no

Submit logs by: 30 September 2014

E-mail logs to: (see your national society rules)

Mail logs to: Your national society

Find rules at: Your national society web site

Ohio State Parks on the Air

16:00 - 24:00 UTC 6 September

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10, 6 m

Classes: Single Op OH Park - low or high; Single Op - low or high; Multi-Single OH Park - low or high; Multi-Multi OH Park - low or high

Max power: LP: 10 watts; HP: >10 watts

Exchange: OH Park: park abbreviation; OH: "Ohio"; W/VE: state or province; DX: "DX"

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: each OH Park once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 September 2014

E-mail logs to: LOGS@ospota.org

Mail logs to: Ohio State Parks on the Air, c/o Tom Parkinson, KB8UUZ, 9992 State Route 700, Mantua, OH 44255, USA

Find rules at:

<http://www.ospota.org/ospota/wp-content/uploads/2014/08/OSPOTA-Rules2014-14Aug14.pdf>

PODXS 070 Club Jay Hudak Memorial 80 m Sprint

20:00 local 6 September to 02:00 local 7 September

Mode: PSK31

Bands: 80 m Only

Classes: QRP; Low Power; Medium Power

Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts

Exchange: RST and state, province or country

QSO Points: 1 point/QSO

Multipliers: Each state, province and DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 September 2014

E-mail logs to: k9vic@arrl.net

Mail logs to: Eric Dallmann, K9VIC, 15707 S. River Rd., Plainfield, IL 60544, USA

Find rules at: <http://www.podxs070.com/o70-club-sponsored-contests/jay-hudak-memorial-80-m-sprint>

North American CW Sprint

00:00 - 04:00 UTC 7 September

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - QRP, low or high

Max operating hours: 4 hours

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: other station's call, your call, serial no, your name and your state, province or country

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7) once; Each VE province once; Each North American country (except W/VE) once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 13 September 2014

E-mail logs to: (see rules, web upload preferred)

Upload log at:

<http://www.ncjweb.com/sprintlogsubmit/>

Mail logs to: Boring Amateur Radio Club, 15125 Bartell Road, Boring, OR 97009, USA

Find rules at:

<http://www.ncjweb.com/Sprint-Rules.pdf>



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DARC 10-Metre Digital Contest

11:00 - 17:00 UTC 7 September

Mode: RTTY, Amtor, Clover, PSK31, Pactor

Bands: 10 m Only

Classes: Single Op; SWL

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each WAE/DCXX area; Each W/VE call area

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22 September 2014

E-mail logs to: do1npf@darc.de

Mail logs to: Peter Frank, DO1NPF, Postfach 11 19, 90515 Altdorf, Germany

Find rules at: <http://www.darc.de/referate/ukw-funksport/corona/teilnahmebedingungen/>

Tennessee QSO Party

18:00 UTC 7 September to 03:00 UTC 8 September

HF Happenings

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: Fixed - single op, multi-op - CW, phone, digital or mixed - QRP, low or high

Mobile - single op, multi-op - CW, phone, digital or mixed - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: TN: RS(T) and county; non-TN: RS(T) and state, province or country

Work stations: Once per band per mode

QSO Points: 3 points per QSO (see rules for bonus QSO points)

Multipliers: TN: TN counties, states, provinces, DXCC countries once per band; non-TN: TN counties once per band

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 8 October 2014

E-mail logs to: logs@tnqp.org

Mail logs to: Tennessee QSO Party, c/o Doug Smith, W9WI, 1389 Old Clarksville Pike, Pleasant View, TN 37146-8098, USA

Find rules at: <http://tnqp.org/rules/>

Next Weeks Contests

CWops Mini-CWT Test, 13:00 - 14:00 UTC; 19:00 - 20:00 UTC 10 September and 03:00 - 04:00 UTC 11 September

RSGB 80 m Club Sprint, SSB 19:00 - 20:00 UTC 10 September

QRP Fox Hunt, 01:00 - 02:30 UTC 12 September

NCCC RTTY Sprint Ladder, 01:45 - 02:15 UTC 12 September

FOC QSO Party, 00:00 - 23:59 UTC 13 September

WAE DX Contest, SSB, 00:00 UTC 13 September to 23:59 UTC 14 September

Kulikovo Polye Contest, 00:00 - 23:59 UTC 13 September

SKCC Weekend Sprintathon, 12:00 UTC 13 September to 24:00 UTC 14 September

Arkansas QSO Party, 14:00 UTC 13 September to 02:00 UTC 14 September

North American SSB Sprint, 00:00 - 04:00 UTC 14 September

JOTA and CQ Hou Koers - October 2014

These two events will be on the air over the weekend of 17, 18 and 19 October and hopefully you and your club have made contact with the local Scout Group, Guide Company or Voortrekker Commando and started the arrangements.

If you are looking for a Scout Group near you, visit <http://scouts.org.za/scouts-near-you/>, for Girl Guide Companies, visit <http://www.girlguides.org.za/old/index.php/regions> and for the Voortrekkers, visit <http://www.voortrekkers.org.za/Gebiede.htm> or contact Andries, ZS6VL, at andries.visagie@natref.com. Do something special for the youth of our country.

If you would like a special JOTA or CQ Hou Koers call sign, complete the ICASA application form, add a motivation and submit it via the South African Radio League.



1st Polokwane Scouts

If you know of any equipment needing a new Scouting home, the Scouts are setting up a radio room at 1st Polokwane Scout Group. A number of the Scouts at the Troop are radio amateurs.

They have a 16 m tower (still in a horizontal position) which needs to be fitted with a rotator and antennas. The tower and radio room will not be ready for JOTA 2014, but the Troop will be camping on the plot of Willem, ZS6WAB, and operating JOTA from there.

They plan to have the Scout Hall radio room operational for JOTA 2015.

If you have some equipment surplus to requirement and would like to give/donate it to 1st Polokwane Scouts, please contact the Group Scouter, Brian Jones, ZS6BV, at alarmdoc@telkomsa.net

"I am often asked how radio works. Well, you see, wire telegraphy is like a very long cat. You yank his tail in New York and he meows in Los Angeles. Do you understand this? Now, radio is exactly the same, except that there is no cat."

Attributed to Albert Einstein



History this Week, week starting 1 September 2014

301 - San Marino, one of the smallest nations in the world and the world's oldest republic still in existence, is founded by Saint Marinus. (3 Sept)

1666 - Great London Fire begins in Pudding Lane, 80% of London is destroyed (2 Sept)

1752 - The people of England went to sleep on Wednesday evening 2 September and woke up next morning which was Thursday 14 September. England adopted the Gregorian Calendar and the people rioted thinking the government stole 11 days of their lives

1776 - the first US submarine built for wartime use, the *American Turtle*

1882 - the first district lit by electricity - New York's Pearl Street Station

1885 - the first gasoline pump is delivered to a gasoline dealer in Ft Wayne, Ind

1920 - the first radio broadcast of a prize fight

1939 - Germany invades Poland, takes Danzig and WW II starts

1945 - V-J Day, the formal surrender of Japan aboard USS Missouri and WW II ends

HISTORY



Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin